FORM PTO-1595 R 1-31-92	05-01-	2003	ET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
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To the Honorable Commissioner of documents or copy thereof.	of Patents and Tr	rademarks: Plea	se record the attached original
1. Name of conveying party(ies)  SARAVUT CHARCRANNON, TAREK S. E  DUG SHIN and HAKKI CANDAN CANKA  Additional name(s) of conveying	L-BAWAB, JONG- YA	Name: <u>ALCA</u> Internal Ac	dress: ess: <u>54, rue La Boétie</u>
attached? Yes X No  3. Nature of conveyance:  X Assignment Security Agreement Other  Execution Date(s): MARCH 17 and	Merger Change of Name	Country: <u>Fr</u> Additional nam	ne(s) & address(es) Yes X No
4. Application number(s) or pat If this document is being filed application is: MARCH 17 and AP TRANSMISSION OF DATA BURSTS IN 0117US) A. Patent Application No.(s)	together with a	titled METHOD A	ND APPARATUS FOR SCHEDULING WORK (ATTY. DOCKET NO.: 1285-
Additiona	.l numbers attac	hed? Yes	_X_ No
5. Name and address of party to correspondence concerning do be mailed:	cument should	6. Total numbe involved:	r of applications and patents
Name: Jessica W. Smith, Es Internal Address: Alcatel US Street Address:  3400 West Plano Park  M/S LEGL2 City: Plano State: TX	A	7. Total fee ( \$\frac{40.00}{}{}  X Enclose  Authori account	·
ZIP: 75075  Direct Telephone calls to: Shreen K. Danamraj, Esq. (972) 720-1202		8. Deposit acc 03 (Attach dup	ount number:  -1130 licate copy of this page if eposit account)
5/01/2003 TBIRZ1 00000020 031130 10418588 1 FC:8021 40.00 CH	DO NOT USE	THIS SPACE	
	edge and belie ached copy is	a true copy	going information is true of the original document.
<u>Shreen K. Danamraj</u> Name of Person Signing		gnature er of pages i	April 17, 2003  Date  ncluding cover sheet: 4

PATENT REEL: 014004 FRAME: 0915

Attorney Docket No.: 1285-0117US

## **ASSIGNMENT**

For one dollar and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned does hereby sell, assign, and transfer to: Alcatel, a corporation organized and existing under the laws of France and having its principal place of business at 54, rue La Boétie, 75008 Paris, France ("Assignee"), its successors, assigns and legal representatives, the entire right, title and interest in and to any and all inventions which are described in the application for United States Patent identified below and to any and all improvements thereto.

The undersigned does hereby sell, assign, and transfer to Assignee the entire right, title and interest to all applications (including provisional, divisional, continuations, substitutions, reissues, and extensions), which have been or shall be filed in the United States and all foreign countries and under the terms of any treaties or conventions (including the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, and the European Patent Convention) relating to said invention and any of said improvements; and in and to all rights of priority resulting from the filing of any such applications.

The undersigned agrees that Assignee may apply for and receive patents for said invention and improvements in its own name; and that, when requested, without charge to, but at the expense of, Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional, divisional, continuations, substitutions, reissues, extensions, and all other patent applications on any and all said improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to Assignee, its successors, assigns, and representatives, all facts known to undersigned relating to said inventions and improvements and the history thereof; and generally do everything possible which Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and improvements, and for vesting title to said invention and improvements, and all applications for patents and all patents on said invention and improvements, in Assignee, its successors, assigns and legal representatives.

The undersigned represents and warrants to Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Application for U.S. Patent entitled METHOD AND APPARATUS FOR SCHEDULING DATA BURSTS IN AN OPTICAL BURST SWITCHING NETWORK which	TRANSMISSION OF				
Has been executed by the undersigned on,	production and				
Has been executed by the undersigned concurrently herewith,					
Which was filed on,, and assigned Serial	l No				
IN TESTIMONY WHEREOF, I have duly executed this Assignment on the date i	ndicated below:				
Signature: January Date: Ma	andr 17,2003				
Saravut Charcranoon					
430 Buckingham Rd., Apt. 525, Richardson, TX 75081 USA					
	arch 17, 2003				
Tarek S. El-Bawab					
3600 Alma Rd., Apt. 4216, Richardson, TX 75080 USA					
Signature: Date:					
Jong-Dug Shin					
Gangbyun Gunyoung Apt. 103-604, Seongsu 1-ga 1-dong, Seongdong-gu, Seo	oul 133-111, Korea				
Signature: Date: M.	drch 17, 2003				
Hakki Candan Cankaya	·				
6533 Shady Brook Ln., Apt. 3226, Dallas, TX 75206 USA					

Assignment - Page 1

		Attor	ney Docket No.: 1285-0117US
STATE OF TEXAS	§		
COUNTY OF COLLIN	§		
	own to me to be the person w	hose name is subscr	
GIVEN under my hand	LISA MORRIS NOTARY PUBLIC STATE OF TEXAS COMMISSION EXPIRES: SEPTEMBER 26, 2006	day of May CV	Mossio
STATE OF TEXOS	§		
COUNTY OF CONIA	§	ſ	
appeared Tarek S. El-Bawab, know and acknowledged to me that he e	vn to me to be the person wh xecuted the same for the put	ose name is subscrib	ation therein expressed.
GIVEN under my sandre notary public commission septemb	moseares fice this 17th state of texas on expires:	day of	1, 2003. Morrio
STATE OF	§		
COUNTY OF	§		
BEFORE ME, the under appeared Jong-Dug Shin, known to acknowledged to me that he execu	me to be the person whose	name is subscribed t	
GIVEN under my hand a	nd seal of office this	day of	, 2003.
		Notary Public	
STATE OF TEXAS	§		
COUNTY OF COLLIA	§		
BEFORE ME, the undersappeared Hakki Candan Cankaya, instrument, and acknowledged to m	known to me to be the pe	erson whose name i	
GIVEN under my hand ar	nd seal of office this 17th	day of March	, 2003.
LISA MOR		Notary Public	N(011)
NOTARE OUBLIC STATE	OFTEXAS §	•	

NOTARY PUBLIC STATE OF TEXAS

OF MISSION EXPIRES:
SEPTEMBER 28, 2006

Assignment - Page 2

**RECORDED: 04/17/2003** 

PATENT REEL: 014004 FRAME: 0918

Attorney Docket No.: 1285-0117US

## **VESIGNMENT**

For one dollar and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned does hereby sell, assign, and transfer to: Alcatel, a corporation organized and existing under the laws of France and having its principal place of business at 54, rue La Boétie, 75008 Paris, France ("Assignee"), its successors, assigns and legal representatives, the entire right, title and interest in and to any and all inventions which are described in the application for United States Patent identified below and to any and all improvements thereto.

The undersigned does hereby sell, assign, and transfer to Assignee the entire right, title and interest to all applications (including provisional, divisional, continuations, substitutions, reissues, and extensions), which have been or shall be filed in the United States and all foreign countries and under the terms of any treaties or conventions (including the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, and the European Patent Convention) relating to said invention and any of said improvements; and in and to all rights of priority resulting from the filing of any such applications.

The undersigned agrees that Assignee may apply for and receive patents for said invention and improvements in its own name; and that, when requested, without charge to, but at the expense of, Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional, divisional, continuations, substitutions, reissues, extensions, and all other patent applications on any and all said improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to Assignee, its successors, assigns, and representatives, all facts known to undersigned relating to said inventions and improvements and the history thereof; and generally do everything possible which Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and improvements, and for vesting title to said invention and improvements, and all applications for patents and all patents on said invention and improvements, in Assignee, its successors, assigns and legal representatives.

The undersigned represents and warrants to Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Hakki Candan Cankaya Signature: Date: Gangbyun Gunyoung Apt. 103-604, Seongsu 1-ga 1-dong, Seongdong-gu, Seoul 133-111, Korea Signature: Date: Apr: 17,2003 3600 Alma Rd., Apt. 4216, Richardson, TX 75080 USA Tarek S. El-Bawab Signature: Date: 430 Buckingham Rd., Apt. 525, Richardson, TX 75081 USA Saravut Charcranoon Signature: Date: IN TESTIMONY WHEREOF, I have duly executed this Assignment on the date indicated below: Which was filed on \_\_\_\_\_, and assigned Serial No. \_ Has been executed by the undersigned concurrently herewith, Has been executed by the undersigned on \_ DATA BURSTS IN AN OPTICAL BURST SWITCHING NETWORK which Application for U.S. Patent entitled METHOD AND APPARATUS FOR SCHEDULING TRANSMISSION OF

6533 Shady Brook Ln., Apt. 3226, Dallas, TX 75206 USA